

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	28	(US-20030136518-\$ or US-20060086322-\$ or US-20020157608-\$ or US-20020043342-\$ or US-20010001185-\$).did. or (US-6191532-\$ or US-6165274-\$ or US-6114811-\$ or US-5234565-\$ or US-4289522-\$ or US-6156667-\$ or US-5843383-\$ or US-6279504-\$ or US-5921559-\$ or US-5651827-\$ or US-6190510-\$ or US-5993612-\$ or US-5965786-\$ or US-5260141-\$ or US-5087434-\$ or US-6060836-\$ or US-6407359-\$ or US-5491112-\$ or US-5234526-\$ or US-5359177-\$ or US-5368685-\$).did. or (DE-4037090-\$ or US-4965540-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/09/29 11:20
S2	1	"20060086322"	US-PGPUB; USPAT	OR	OFF	2008/09/29 11:46
S3	298	plasma and microwave\$2 and (applicator\$2 waveguide\$2) with (wall\$2 near6 (chamber reactor housing body))	US-PGPUB; USPAT	OR	OFF	2008/09/29 11:48
S4	184	S3 and @ad<"20020602"	US-PGPUB; USPAT	OR	OFF	2008/09/29 11:48
S5	646	118/723MW.ccls. 156/345.41.ccls.	US-PGPUB; USPAT	OR	OFF	2008/09/29 14:44
S6	441	S5 and @ad<"20020602"	US-PGPUB; USPAT	OR	OFF	2008/09/29 14:44
S7	14	S6 and (coaxial near8 wall \$2)	US-PGPUB; USPAT	OR	OFF	2008/09/29 14:45
S8	2	("6060836" "6114811"). pn.	US-PGPUB; USPAT	OR	OFF	2008/09/29 15:52
S9	24	S6 and (applicator\$3 near8 wall\$2)	US-PGPUB; USPAT	OR	OFF	2008/09/29 17:25
S10	24	S9 not S7	US-PGPUB; USPAT	OR	OFF	2008/09/29 17:25
S11	7507	(118/715-733 156/345.\$2). ccls.	US-PGPUB; USPAT	OR	OFF	2008/09/29 17:37

S12	2	S11 and ((coaxial\$3 near6 (applicator waveguide)) with ((dielectric insulat\$4) with wall\$2))	US-PGPUB; USPAT	OR	OFF	2008/09/29 17:39
S13	30	S11 and ((coaxial\$3 near6 (applicator waveguide)) with (dielectric insulat\$4))	US-PGPUB; USPAT	OR	OFF	2008/09/29 17:40
S14	9	S13 and @ad< "20020602"	US-PGPUB; USPAT	OR	OFF	2008/09/29 17:40
S15	24	S6 and (coaxial near8 (dielectric insulat\$4 transparent))	US-PGPUB; USPAT	OR	OFF	2008/09/29 18:15
S16	4100	S11 and @ad< "20020602"	US-PGPUB; USPAT	OR	OFF	2008/09/29 18:28
S17	51	S16 and (coaxial near8 (dielectric insulat\$4 transparent))	US-PGPUB; USPAT	OR	OFF	2008/09/29 18:28
S18	36	S17 not S15	US-PGPUB; USPAT	OR	OFF	2008/09/29 18:29
S19	127	plasma and microwave\$2 and (coaxial same (dielectric insulat\$4 transparent))	EPO; JPO; DERWENT	OR	OFF	2008/09/29 18:37
S20	83	S19 and @ad< "20020604"	EPO; JPO; DERWENT	OR	OFF	2008/09/29 18:37
S21	81	S11 and (microwave\$2 and (coaxial with (dielectric insulat\$4 transparent)))	US-PGPUB; USPAT	OR	OFF	2008/09/29 18:52
S22	7	(sheet near6 plasma) and (microwave\$2 and (coaxial with (dielectric insulat\$4 transparent)))	US-PGPUB; USPAT	OR	OFF	2008/09/29 20:59
S23	2450	plasma and microwave\$2 and ((waveguide\$2 applicator\$2) same (dielectric insulat\$4 transparent))	US-PGPUB; USPAT	OR	OFF	2008/09/29 21:02
S24	1387	S23 and @ad< "20020602"	US-PGPUB; USPAT	OR	OFF	2008/09/29 21:02
S25	477	S24 and coaxial	US-PGPUB; USPAT	OR	OFF	2008/09/29 21:02
S26	4173	(waveguide\$2 applicator \$2) same coaxial same (dielectric insulat\$4 transmi \$5)	US-PGPUB; USPAT	OR	OFF	2008/09/30 08:52
S27	764	plasma and (waveguide\$2 applicator\$2) same coaxial same (dielectric insulat\$4 transmi\$5)	US-PGPUB; USPAT	OR	OFF	2008/09/30 08:52

S28	378	S27 and @ad< "20020604"	US-PGPUB; USPAT	OR	OFF	2008/09/30 08:52
S29	58	S28 and (118/715-733 156/345.\$2).ccls.	US-PGPUB; USPAT	OR	OFF	2008/09/30 08:53
S30	320	S28 not S29	US-PGPUB; USPAT	OR	OFF	2008/09/30 09:05
S31	241	(wall\$2 near6 (chamber housing raector body)) with (waveguide\$2 applicator\$2) with (dielectric quartz insulat\$3 transmi\$5)	US-PGPUB; USPAT	OR	OFF	2008/09/30 10:08
S32	175	S31 and @ad< "20020604"	US-PGPUB; USPAT	OR	OFF	2008/09/30 10:08
S33	4085	(waveguide applicator cavity resonator) near8 (gap space loaded) near8 (quartz dielectric insulat\$3 transmi\$5)	US-PGPUB; USPAT	OR	OFF	2008/09/30 10:24
S34	661	plasma and (waveguide applicator cavity resonator) near8 (gap space loaded) near8 (quartz dielectric insulat\$3 transmi\$5)	US-PGPUB; USPAT	OR	OFF	2008/09/30 10:24
S35	330	S34 and @ad< "20020604"	US-PGPUB; USPAT	OR	OFF	2008/09/30 10:24
S36	311	S35 not S32	US-PGPUB; USPAT	OR	OFF	2008/09/30 10:24
S37	271	S36 not S30	US-PGPUB; USPAT	OR	OFF	2008/09/30 10:25
S38	22	plasma and (waveguide applicator cavity resonator) near8 coaxial near8 (gap space loaded) near8 (quartz dielectric insulat\$3 transmi\$5)	US-PGPUB; USPAT	OR	OFF	2008/09/30 10:26
S39	12	S38 and @ad< "20020604"	US-PGPUB; USPAT	OR	OFF	2008/09/30 10:26
S40	1	"20050082004"	US-PGPUB; USPAT	OR	OFF	2008/09/30 11:10
S41	1	"6427621".pn.	US-PGPUB; USPAT	OR	OFF	2008/09/30 11:25
S42	1	"6407359".pn.	US-PGPUB; USPAT	OR	OFF	2008/09/30 11:26
S43	1189	(legarde near2 Thierry).in. (pelletier near2 jacques). in. (lacoste anear2 ana).in. (yves near2 arnal).in.	US-PGPUB; USPAT	OR	OFF	2008/09/30 11:30
S44	21	S43 and plasma and microwave\$2	US-PGPUB; USPAT	OR	OFF	2008/09/30 11:31

S45	1	"6407359".pn.	DERWENT	OR	OFF	2008/09/30 12:32
S46	24	(US-20060086322-\$ or US-20030104139-\$ or US-20030209995-\$ or US-20040011465-\$ or US-20030168172-\$ or US-20050082004-\$).did. or (US-4728910-\$ or US-5902404-\$ or US-6114811-\$ or US-6175183-\$ or US-6198224-\$ or US-6165274-\$ or US-5234565-\$ or US-6060836-\$ or US-4611108-\$ or US-6376796-\$ or US-6401653-\$ or US-5125358-\$ or US-4123316-\$ or US-6427621-\$ or US-6407359-\$ or US-5666023-\$).did. or (JP-03082781-\$).did. or (JP-04036465-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/09/30 14:13
S47	10	S46 and (ceramic\$2 (alumina or ("Al.sub.2O.sub.3"))))	US-PGPUB; USPAT	OR	OFF	2008/09/30 14:14
S48	1	"6279504".pn.	US-PGPUB; USPAT	OR	OFF	2008/09/30 14:45
S49	12	S46 and (wavelength or (wave adj length))	US-PGPUB; USPAT	OR	OFF	2008/09/30 14:50
S50	266	(coaxial near6 (waveguide applicator resonator)) with wavelength	US-PGPUB; USPAT	OR	OFF	2008/09/30 14:57
S51	186	S50 and @ad<"20020604"	US-PGPUB; USPAT	OR	OFF	2008/09/30 14:57
S52	13	S46 and ring\$2	US-PGPUB; USPAT	OR	OFF	2008/09/30 15:22
S53	1	"5368685".pn.	US-PGPUB; USPAT	OR	OFF	2008/09/30 16:58
S54	25	(US-20060086322-\$ or US-20030104139-\$ or US-20030209995-\$ or US-20040011465-\$ or US-20030168172-\$ or US-20050082004-\$).did. or (US-4728910-\$ or US-5902404-\$ or US-6114811-\$ or US-6175183-\$ or US-6198224-\$ or US-6165274-\$ or US-5234565-\$ or US-6060836-\$ or US-4611108-\$ or US-6376796-\$ or US-6401653-\$ or US-5125358-\$ or US-4123316-\$ or US-6427621-\$ or US-6407359-\$ or US-5666023-\$ or US-	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/09/30 17:10

		5975014-\$).did. or (JP-03082781-\$).did. or (JP-04036465-\$).did.				
S55	15	S54 and cool\$3	US-PGPUB; USPAT	OR	OFF	2008/09/30 17:11
S56	1	"2001102200"	JPO	OR	OFF	2008/09/30 18:08
S57	0	"520030047282"	JPO	OR	OFF	2008/09/30 18:31
S58	0	"20030047282"	JPO	OR	OFF	2008/09/30 18:32
S59	1	"20030047282"	US-PGPUB; USPAT	OR	OFF	2008/09/30 18:33
S60	27	(microwave\$2 and plasma and coaxial and ((chamber top upper) near2 (wall cover lid))).clm.	US-PGPUB; USPAT	OR	OFF	2009/04/03 15:54
S61	19	S60 and @ad< "20020604"	US-PGPUB; USPAT	OR	OFF	2009/04/03 15:55
S62	8	(microwave\$2 and plasma and (coaxial with ((reactor vessel container chamber top upper) near2 (wall cover lid))))).clm.	US-PGPUB; USPAT	OR	OFF	2009/04/03 15:59
S63	103	(microwave\$2 and plasma and (coaxial with ((reactor vessel container chamber top upper) near2 (wall cover lid))))	US-PGPUB; USPAT	OR	OFF	2009/04/03 16:00
S64	67	S63 and @ad< "20020604"	US-PGPUB; USPAT	OR	OFF	2009/04/03 16:00
S65	61	S64 not S61	US-PGPUB; USPAT	OR	OFF	2009/04/03 16:00
S66	60	S65 not S62	US-PGPUB; USPAT	OR	OFF	2009/04/03 16:01
S67	803	plasma and ((waveguide\$2 applicator\$2 excit\$5) with ((reactor vessel container chamber top upper) near2 (wall cover lid)))	US-PGPUB; USPAT	OR	OFF	2009/04/03 16:53
S68	397	S67 and @ad< "20020604"	US-PGPUB; USPAT	OR	OFF	2009/04/03 16:53
S69	162	S68 and (118/715-733.ccls. 156/345.\$2.ccls.)	US-PGPUB; USPAT	OR	OFF	2009/04/03 16:54
S70	61	S69 and coaxial	US-PGPUB; USPAT	OR	OFF	2009/04/03 16:56
S71	1	"20070238307"	US-PGPUB; USPAT	OR	OFF	2009/04/04 08:20

S72	370	plasma and ((waveguide\$2 applicator\$2 excit\$5) and ((reactor vessel container chamber top upper) near2 (wall cover lid)))	EPO; JPO; DERWENT	OR	OFF	2009/04/04 08:26
S73	283	S72 and @ad<"20020604"	EPO; JPO; DERWENT	OR	OFF	2009/04/04 08:27
S74	15	S73 and coaxial	EPO; JPO; DERWENT	OR	OFF	2009/04/04 08:27
S75	80	plasma and ((waveguide\$2 applicator\$2 excit\$5) and dielectric and ((reactor vessel container cavity chamber top upper) near2 (wall cover lid)))	EPO; JPO; DERWENT	OR	OFF	2009/04/04 09:01
S76	46	S75 and @ad<"20020604"	EPO; JPO; DERWENT	OR	OFF	2009/04/04 09:01
S77	59	plasma and ((coaxial near6 (waveguide\$2 applicator\$2 excit\$5)) and dielectric)	EPO; JPO; DERWENT	OR	OFF	2009/04/04 09:05
S78	30	S77 and @ad<"20020604"	EPO; JPO; DERWENT	OR	OFF	2009/04/04 09:05
S79	85	plasma and ((coaxial with (waveguide\$2 applicator\$2 excit\$5)) same (dielectric quartz alumina insulati\$4))	EPO; JPO; DERWENT	OR	OFF	2009/04/04 09:18
S80	45	S79 and @ad<"20020604"	EPO; JPO; DERWENT	OR	OFF	2009/04/04 09:18
S81	20	S80 not S78	EPO; JPO; DERWENT	OR	OFF	2009/04/04 09:18
S82	380	plasma and ((coaxial near5 (waveguide\$2 applicator\$2 excit\$5)) and ((waveguide applicator excit\$5) near6 (dielectric quartz alumina insulati\$4)))	US-PGPUB; USPAT	OR	OFF	2009/04/04 09:21
S83	180	S82 and @ad<"20020604"	US-PGPUB; USPAT	OR	OFF	2009/04/04 09:22
S84	2	plasma and ((coaxial near5 (waveguide\$2 applicator\$2 excit\$5)) with fill\$3 with (dielectric quartz alumina insulati\$4))	US-PGPUB; USPAT	OR	OFF	2009/04/04 10:41
S85	333	plasma and ((waveguide\$2 applicator\$2 excit\$5) with fill\$3 with (dielectric quartz alumina insulati\$4))	US-PGPUB; USPAT	OR	OFF	2009/04/04 10:42
S86	166	S85 and @ad<"20020604"	US-PGPUB; USPAT	OR	OFF	2009/04/04 10:43

S87	141	S86 not S83	US-PGPUB; USPAT	OR	OFF	2009/04/04 10:43
S88	396	plasma and ((waveguide\$2 applicator\$2 excit\$5 antenna) with fill\$3 with (dielectric quartz alumina insulati\$4))	US-PGPUB; USPAT	OR	OFF	2009/04/04 10:53
S89	190	S88 and @ad< "20020604"	US-PGPUB; USPAT	OR	OFF	2009/04/04 10:54
S90	49	S89 not S87	US-PGPUB; USPAT	OR	OFF	2009/04/04 10:54
S91	48237	plasma and ((coaxial inner outer) and fill\$3 (dielectric quartz alumina insulati\$4))	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:11
S92	142	plasma and ((coaxial inner outer) and (fill\$3 near6 (dielectric quartz alumina insulati\$4)))	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:12
S93	82	S92 and @ad< "20020604"	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:12
S94	9	coaxial and (plasma near4 (sheet slice))	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:20
S95	10	(coaxial inner outer central) near4 (line\$2 waveguide antenna applicator excit\$5 conduct \$4 core\$2) and (plasma near4 (sheet slice))	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:23
S96	8	S95 not S94	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:23
S97	40847	(coaxial inner outer central) near4 (line\$2 waveguide antenna applicator excit\$5 conduct \$4 core\$2) and (dielectric insulat\$4 quartz alumina)	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:25
S98	176120	C23C 16/00.IPC.	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:26
S99	244	S97 AND S98	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:26
S100	135	S99 and @ad< "20020604"	EPO; JPO; DERWENT	OR	OFF	2009/04/04 11:26
S101	22558	PLASMA AND (coaxial inner outer central) near4 (line\$2 waveguide antenna applicator excit\$5 conduct \$4 core\$2) and (dielectric insulat\$4 quartz alumina)	US-PGPUB; USPAT	OR	OFF	2009/04/04 11:36

S102	8223	PLASMA AND (((coaxial inner outer central) near4 (line\$2 waveguide antenna applicator excit\$5 conduct \$4 core\$2)) SAME (dielectric insulat\$4 quartz alumina))	US-PGPUB; USPAT	OR	OFF	2009/04/04 11:37
S103	977	S102 AND (118/715-733. ccls. 156/345.\$2.ccls.)	US-PGPUB; USPAT	OR	OFF	2009/04/04 11:38
S104	620	PLASMA AND (((coaxial inner outer central) near4 (line\$2 waveguide antenna applicator excit\$5 conduct \$4 core\$2)) SAME (fill\$3 near4 (dielectric insulat\$4 quartz alumina)))	US-PGPUB; USPAT	OR	OFF	2009/04/04 11:39
S105	63	S104 AND (118/715-733. ccls. 156/345.\$2.ccls.)	US-PGPUB; USPAT	OR	OFF	2009/04/04 11:39
S106	205	S104 AND ("216"/\$ "204"/ \$ 315/111.\$2 "427"/\$ "438"\$).ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/04 11:51
S107	77	S106 and @ad<"20020604"	US-PGPUB; USPAT	OR	OFF	2009/04/04 11:51
S108	12	("3744247").PN. OR ("4058748").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/04 12:16
S109	6	("4980610"   "5677597"). PN. OR ("6060836").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/04 12:18
S110	1	"4204549".pn.	US-PGPUB; USPAT	OR	OFF	2009/04/04 12:38
S111	29	plasma and (coaxial adj applicator\$2)	US-PGPUB; USPAT	OR	OFF	2009/04/04 13:05
S112	671	118/723MW.ccls. 156/345.41.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/04 13:31
S113	441	S112 and @ad<"20020604"	US-PGPUB; USPAT	OR	OFF	2009/04/04 13:31
S114	362	S113 and (coaxial inner outer central)	US-PGPUB; USPAT	OR	OFF	2009/04/04 13:32
S115	468	427/575.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/04/05 08:36
S116	30	S115 and (coaxial near3 waveguide)	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/04/05 08:36
S117	1	"6427621".pn.	US-PGPUB; USPAT	OR	OFF	2009/04/07 13:29



S118	25	(PLASMA AND microwave \$2 and (coaxial inner outer central) near6 (line\$2 waveguide antenna applicator excit\$5 conduct \$4 core\$2) and (fill\$4 near4 (dielectric insulat\$4 quartz alumina))).clm.	US-PGPUB; USPAT	OR	OFF	2009/04/08 06:14
S119	32	(thiery near2 lagarde).in. (ana near2 lacoste).in. (jacques near2 pelletier). in. (yves near2 arnai).in.	US-PGPUB; USPAT	OR	OFF	2009/04/08 06:24

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